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Cloning of neurotrimin defines a new subfamily of differentially expressed neural cell adhesion molecules
expressed neural cell adhesion molecules
J. Neurosci. 15 (3 Pt 2), 2141-2156 (1995)
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Rattus norvegicus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Submitted (02-NOV-1994) James L. Salzer, Cell Biology, NYU Medical Center, 550 First Avenue, New York, NY 10016, USA Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Rattus norvegicus neurotrimin mRNA, U16845
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Salzer, J.L.
Direct Submission
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4.73e-95
2303.70
71.22%
68.49%
95.67%
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US-10-017-084A-523 (1-344) x RNU16845 (1-2040)

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228 1167	209 AlaprovalvalArgArgVallysValThrValAsnTyrProProTyrIleGerGluAla
208 1107	189 GlnGlyIleThrArgGluGlnSerGlyAspTyrGluCysSerAlaSerAsnAspValAla 
188 1047	169 TrpArgHisIleSerProLysAlaValGlyPheValSerGluAspGluTyrLeuGluIle
168 987	149 GluGlyAsnAsnIleSerLeuThrCysIleAlaThrGlyArgProGluProThrValThr 
148 927	129 HisLeuileValGlnValSerProLysIleValGluileSerSerAspileGerileAsn 
128 .	09 AspGluGlyProJ            08 GATGAGGGCCCTT
108	89 ValleuLeuSerAsnThrGlnThrGlnTyrSerTleGluIleGlnAsnValAspValTyr 
88 747	69 LeuAsnArgSerThrIleLeuTyrAlaGlyAsnAspLysTrpCysLeuAspProArgVal
68 687	49 GlnGlyGluSerAlaThrLeuArgCysThrIleAspAsnArgValThrArgValAlaTrp 
48 627	9 ValProValArgSerGlyAspAlaThrPheProLysAlaMetAs; -
28 567	Gln ;; CTCGTGGTCGTCTCTCAGGCTGCTGCTTCCT
26 507	
22 447	CACTCCCCACCCCACCCACTTCCTGTGCTCGCCCGGGG
19 387	5AlaIlePheThrG
14 330	2 Ile
11 270	0AsnSerAsnSer
9 210	9HisHis
150	MetLysThrIleGlnProLysMet-

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Db	Q	Дb	Ş	DЪ	Ş	DЪ	VΩ	Db	γQ	DЬ
1468 TGCATTTGGCTCCTCCTCCTCTTCTGGTCTTACACCTGCTCCTCAAATTT 1515	329 CysValTrpLeuLeuProLeuLeuLeuHisLeuLeuLysPhe 344	1408 ATGCTATTTGGCCCAGGTCTGTCAGCGAGGTCAACAATGGGACGTCAAGGAGGGCAGGC 1467	309 MetLeuPheGlyProGlyAlaValSerGluValSerAsnGlyThrSerArgArgAlaGly 328	1348 GACTATGGGAACTACACATGTGTGGCATCCAACAAGTTGGGCCACACCAATGCCAGCATC 1407	289 AspTyrGlyAsnTyrThrCysValAlaSerAsnLysLeuGlyHisThrAsnAlaSerIle 308	1288 GTCAAAGTGGAAAACAGACCTTTCCTTTCAAGACTCACCTTTTTCAACGTCTCTGAACAC 1347	269 ValLysValGluAsnArgProPheLeuSerLysLeuIlePhePheAsnValSerGluHis 288	1228 CCTTCAGCAGAATTTCAGTGGTTCAAGGATGACAAAAGACTGGTTGAAGGGAAGAAGGGA 1287	249 ProSerAlaGluPheGlnTrpTyrLysAspAspLysArgLeuIleGluGlyLysLysGly 268	

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Rattus norvegicus (Norway rat)
Rattus norvegicus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, I
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae,
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Rattus morvegicus neurotrimin U16845
U16845.1 GI:755184
Struyk, A.F., Canoll, P.D., Wolfgang, M.J., Rosen, C.L., D'Eustachio, and Salzer, J.L.
Cloning of neurotrimin defines a new subfamily of differentially
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                                                              Canoll, P.D., Wolfgang, M.J., Rosen, C.L., D'Eustachio, P
                                                                                                                                                                                                                                                                                                                                                                           n mRNA,
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Murinae;
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      996 TATTTCTCCCAAAGCTGTCGGCTTTGTGAGTGAGGATGAGTACCTGGAGATCCAGGGCAT
                                                       513 CATCTCTCCCAAAGCGGTTGGCTTTGTGAAGTGAAGACGAATACTTGGAAATTCAGGGCAT 572
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          530 TCGTG---TCTCTCA-----GGCTG--CTGT-TC-CTTGTACCCACAGGAGTGCCGGT
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Salzer, J.L.
Direct Submission
Submitted (02-NOV-1994) James L. Salzer, Cell Biology,
Center, 550 First Avenue, New York, NY 10016, USA
Location/Qualifiers
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85.7%;
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RESULT 14
RNU16845
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS

SOURCE

ORGANISM

REFERENCE

Rattus.

TITLE

993 1476	933 1416	873 1356	813 1296	753 1236	693 1176	633 1116	573 1056
GCTGCTGCCTCTTCTGGTCTTGCACCTGCTTCTCAAATTTTGA 1035 	TGGTCCAGGCGCCGTCAGCGAGGTGAGCAACGAGCACGTCGAGGAGGGAG	GAACTACACTTGCGTGGCCTCCAACAAGCTGGGCCACACCAATGCCAGCATCATGCTATT	GGAAAACAGACCTTTCCTCTCAAAACTCATCTTCTTCAATGTCTCTGAACATGACTATGG 	AGAATTCCAGTGGTACAAGGATGACAAAAGACTGATTGAAGGAAAGAAA	AGGTGTCCCCGTGGGACAAAAGGGGACACTGCAGTGTGAAGCCTCAGCAGTCCCCTCAGC	GTACGGAGAGTAAAGGTCACCGTGAACTATCCACCATACATTTCAGAAGCCAAGGGTAC	. CACCCGGGAGCAGTCAGGGGACTACGAGTGCAGTGCCTCCAATGACGTGGCCGCGCCCGT
	TCIG	-					
	992 1475	932 1415	872 1355	812 1295	752 1235	692 1175	632